

Gregory, Bernarr

From: PLUS
Sent: Thursday, January 27, 2005 2:21 PM
To: Gregory, Bernarr
Subject: PLUS Results for 10634485

Here are the PLUS search results for 10634485.

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10634485_QUAL.txt



10634485_LIST.txt



10634485_WEST.txt



10634485_EAST.txt



10634485.east



10634485_CLS.txt



10634485_CLSTITLES.
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10634485_WDS.txt

10634485_QUAL

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PLUS Search Results for S/N 10634485, Searched January 27, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10634485_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10634485 on January 27, 2005

Original Classifications

27	604/192
20	604/198
9	604/110
6	606/181
5	604/263
5	606/182
4	604/187
3	464/172
3	604/232
2	30/454
2	102/307
2	102/336
2	141/329
2	206/365
2	222/1
2	267/140.13
2	401/202
2	401/75
2	411/431
2	600/571
2	604/111
2	604/157
2	604/162
2	606/185
2	606/44

Cross-Reference Classifications

46	604/263
18	604/198
15	604/110
15	604/192
9	128/919
8	206/365
5	604/197
5	604/232
4	401/243
4	604/111
4	604/218
4	604/240
4	606/167
3	206/364
3	241/194
3	313/634

10634485_CLS

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3 464/175
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3 604/187
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3 604/272
3 604/414
3 604/506
3 606/185
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2 128/912
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Combined Classifications

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10634485_CLS

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2 604/905
2 606/191
2 607/127

10634485_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10634485 on January 27, 2005

51	604/263	(5 OR, 46 XR)
	Class 604 :	SURGERY
	604/19	MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
		BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
		IRRIGATING, ASPIRATING, ETC.)
	604/48	.Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously
	604/93.01	other than by diffusing through skin ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body
	604/263	...Removable cover or protector for body inserted conduit
42	604/192	(27 OR, 15 XR)
	Class 604 :	SURGERY
	604/19	MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
		BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
		IRRIGATING, ASPIRATING, ETC.)
	604/48	.Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously
	604/93.01	other than by diffusing through skin ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body
	604/181	...Means moved by person to inject or remove fluent material to or from body inserted conduit, holder,
		or reservoir
	604/187Injector or aspirator syringe supported only by person during use (e.g., hand held hypodermic
		syringe, douche tube with forced injection , etc.)
	604/192Having cover or protector for body

10634485_CLSTITLES
entering conduit

38 604/198 (20 OR, 18 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO
M
BODY FOR THERAPEUTIC PURPOSES (E.G.,
MEDICATING,
IRRIGATING, ASPIRATING, ETC.)
604/48 .Treating material introduced into or removed
from body orifice, or inserted or remo
ved subcutaneously
other than by diffusing through skin
604/93.01 ..Material introduced or removed through
conduit, holder, or implantable reservo
ir inserted in body
604/181 ...Means moved by person to inject or remove
fluent material to or from body inserted
conduit, holder,
or reservoir
604/187Injector or aspirator syringe supported
only by person during use (e.g., hand hel
d hypodermic
syringe, douche tube with forced injectio
n, etc.)
604/192Having cover or protector for body
entering conduit
604/198Cover or protector for body entering
conduit movable axially relative to one ano
ther
24 604/110 (9 OR, 15 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO
M
BODY FOR THERAPEUTIC PURPOSES (E.G., MED
ICATING,
IRRIGATING, ASPIRATING, ETC.)
604/48 .Treating material introduced into or removed
from body orifice, or inserted or removed
subcutaneously
other than by diffusing through skin
604/93.01 ..Material introduced or removed through
conduit, holder, or implantable reservoir
inserted in body
604/110 ...Having means for preventing reuse of device

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10 206/365 (2 OR, 8 XR)
 Class 206 : SPECIAL RECEPTACLE OR PACKAGE
 206/349 FOR A TOOL (E.G., KNIFE, SHAVER)
 206/363 .Body treatment (i.e., surgical, but not
 cosmetic)
 206/364 ..Syringe (e.g., enema or catheter, per se)
 206/365 ...Hypodermic or needle, per se

9 128/919 (0 OR, 9 XR)
 Class 128 : SURGERY
 128/917 BODY FLUID, DEVICES FOR PROTECTION THEREFROM
 (E.G., AIDS, HEPATITUS, ETC.)
 128/919 .Syringe, means to protect user

8 604/232 (3 OR, 5 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M BODY FOR THERAPEUTIC PURPOSES (E.G.,
 MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)
 604/48 .Treating material introduced into or removed
 from body orifice, or inserted or remo
 ved subcutaneously
 other than by diffusing through skin
 604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservo
 ir inserted in body
 604/181 ...Means moved by person to inject or remove
 fluent material to or from body inserted
 conduit, holder,
 or reservoir
 604/187Injector or aspirator syringe supported
 only by person during use (e.g., hand hel
 d hypodermic
 syringe, douche tube with forced injectio
 n, etc.)
 604/218With piston or plunger for expelling
 material from body or injector reservoir
 604/232Material reservoir (e.g., cartridge,
 etc.) removably mounted in syringe

7 604/187 (4 OR, 3 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

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M
 DICATING,
 604/48 .Treating material introduced into or removed
 d subcutaneously from body orifice, or inserted or remove
 604/93.01 ..Material introduced or removed through
 inserted in body conduit, holder, or implantable reservoir
 604/181 ...Means moved by person to inject or remove
 onduit, holder, fluent material to or from body inserted c
 or reservoir
 604/187Injector or aspirator syringe supported
 hypodermic only by person during use (e.g., hand held
 syringe, douche tube with forced injection,
 etc.)

7 606/181 (6 OR, 1 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/167 .Cutting, puncturing or piercing
 606/181 ..Lancet

6 604/111 (2 OR, 4 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M
 ICATING,
 604/48 .Treating material introduced into or removed
 subcutaneously from body orifice, or inserted or removed
 604/93.01 ..Material introduced or removed through
 inserted in body conduit, holder, or implantable reservoir
 604/111 ...Having means for indicating device is
 defective , used, or tampered with

6 604/197 (1 OR, 5 XR)
 Class 604 : SURGERY

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604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G.,
 MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed
 subcutaneously
 other than by diffusing through skin

604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservoir
 inserted in body

604/181 ...Means moved by person to inject or remove
 fluent material to or from body inserted
 conduit, holder,
 or reservoir

604/187Injector or aspirator syringe supported
 only by person during use (e.g., hand held
 hypodermic
 syringe, douche tube with forced injection,
 etc.)

604/192Having cover or protector for body
 entering conduit

604/197Common cover or protector for body
 entering conduit and material syringe reservoir

6 606/182 (5 OR, 1 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/167 .Cutting, puncturing or piercing
 606/181 ..Lancet
 606/182 ...Spring driven or biased into cutting
 position

5 606/185 (2 OR, 3 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/167 .Cutting, puncturing or piercing
 606/185 ..Puncturing or piercing

4 206/364 (1 OR, 3 XR)
 Class 206 : SPECIAL RECEPTACLE OR PACKAGE
 206/349 FOR A TOOL (E.G., KNIFE, SHAVER)
 206/363 .Body treatment (i.e., surgical, but not
 cosmetic)
 206/364 ..Syringe (e.g., enema or catheter, per se)

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4 241/194 (1 OR, 3 XR)
 Class 241 : SOLID MATERIAL COMMUNUTION OR DISINTEGRATION
 241/191 .Rotary striking member, rotor structure
 241/194 ..Striking member pivoted to rotor

4 401/202 (2 OR, 2 XR)
 Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY
 401/196 MATERIAL FLOWS THROUGH POROUS TOOL
 401/202 .With removable cap for tool

4 401/243 (0 OR, 4 XR)
 Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY
 401/221 BIFURCATE POINTED NIB TOOL (E.G., FOUNTAIN PEN
)
 401/222 .Including reservoir and feeder
 401/243 ..Including removable cap for tool

4 422/100 (1 OR, 3 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIV
 E
 LABORATORY DEVICE
 422/99 .Miscellaneous laboratory apparatus and
 elements, per se
 422/100 ..Pipette or other volumetric fluid transfer
 means

4 464/172 (3 OR, 1 XR)
 Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND
 FLEXIBLE COUPLINGS FOR ROTARY SHAFTS
 464/170 HOUSING
 464/172 .Telescoping cylindrical housing members

4 604/218 (0 OR, 4 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO
 M
 BODY FOR THERAPEUTIC PURPOSES (E.G., M
 EDICATING,
 IRRIGATING, ASPIRATING, ETC.)
 604/48 .Treating material introduced into or removed
 from body orifice, or inserted or remov
 ed subcutaneously
 other than by diffusing through skin

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604/93.01 ..Material introduced or removed through
conduit, holder, or implantable reservoir
r inserted in body

604/181 ...Means moved by person to inject or remove
conduit, holder, fluent material to or from body inserted
or reservoir

604/187 Injector or aspirator syringe supported
hypodermic only by person during use (e.g., hand held
syringe, douche tube with forced injection
, etc.)

604/218 With piston or plunger for expelling
material from body or injector reservoir

4 604/240 (0 OR, 4 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
M
EDICATING, BODY FOR THERAPEUTIC PURPOSES (E.G., M
IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
ed subcutaneously from body orifice, or inserted or removed
other than by diffusing through skin

604/93.01 ..Material introduced or removed through
r inserted in body conduit, holder, or implantable reservoir

604/181 ...Means moved by person to inject or remove
conduit, holder, fluent material to or from body inserted
or reservoir

604/187 Injector or aspirator syringe supported
hypodermic only by person during use (e.g., hand held
syringe, douche tube with forced injection
, etc.)

604/240 Specific structure of means connecting
body entering conduit to syringe

4 606/167 (0 OR, 4 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/167 .Cutting, puncturing or piercing

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- 3 36/3B (1 OR, 2 XR)
 - Class 036 : BOOTS, SHOES, AND LEGGINGS
 - 36/83 BOOTS AND SHOES
 - 36/3R .Ventilated
 - 36/3B ..Soles

- 3 206/366 (1 OR, 2 XR)
 - Class 206 : SPECIAL RECEPTACLE OR PACKAGE
 - 206/349 FOR A TOOL (E.G., KNIFE, SHAVER)
 - 206/363 .Body treatment (i.e., surgical, but not cosmetic)
 - 206/364 ..Syringe (e.g., enema or catheter, per se)
 - 206/365 ...Hypodermic or needle, per se
 - 206/366Plural

- 3 241/197 (1 OR, 2 XR)
 - Class 241 : SOLID MATERIAL COMMINUTION OR DISINTEGRATION
 - 241/195 .Rotary striking member or hammer
 - 241/197 ..With attached wear member

- 3 313/634 (0 OR, 3 XR)
 - Class 313 : ELECTRIC LAMP AND DISCHARGE DEVICES
 - 313/567 WITH GAS OR VAPOR
 - 313/634 .Envelope with particular structure

- 3 401/213 (0 OR, 3 XR)
 - Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY
 - 401/208 INCLUDING BALL, ROLLER OR ENDLESS-BELT TOOL
 - 401/209 .Ball
 - 401/213 ..With sealing cap

- 3 428/461 (0 OR, 3 XR)
 - Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 - 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 - 428/457 .Of metal
 - 428/461 ..Next to addition polymer from unsaturated monomers

- 3 464/175 (0 OR, 3 XR)
 - Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND FLEXIBLE COUPLINGS FOR ROTARY SHAFTS
 - 464/170 HOUSING
 - 464/173 .Flexible housing
 - 464/175 ..Corrugated structure

- 3 600/576 (0 OR, 3 XR)
 - Class 600 : SURGERY

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600/300 DIAGNOSTIC TESTING

600/573 .Liquid collection

600/576 ..Manually supported collector with rigid
 intake tube (e.g., a hollow needle, etc.)

3 604/157 (2 OR, 1 XR)

 Class 604 : SURGERY

 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

 M

 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,

 IRRIGATING, ASPIRATING, ETC.)

 604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed subcutaneously

 other than by diffusing through skin

 604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservoir inserted in body

 604/156 ...Conduit forced into body by self-acting
 fluid pressure, motor-driven, or mechanical energy storing

 means

 604/157 Conduit impelled by spring

3 604/199 (0 OR, 3 XR)

 Class 604 : SURGERY

 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

 M

 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,

 IRRIGATING, ASPIRATING, ETC.)

 604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed subcutaneously

 other than by diffusing through skin

 604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservoir inserted in body

 604/181 ...Means moved by person to inject or remove
 fluid material to or from body inserted
 conduit, holder,

 or reservoir

 604/187 Injector or aspirator syringe supported
 only by person during use (e.g., hand held hypodermic

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, etc.) syringe, douche tube with forced injection

604/199Having structure for facilitating
sterilization of syringe or preventing cont
amination of
material therein

3 604/201 (0 OR, 3 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M BODY FOR THERAPEUTIC PURPOSES (E.G.,
MEDICATING,
IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
from body orifice, or inserted or remo
ved subcutaneously

604/93.01 ..Material introduced or removed through
other than by diffusing through skin
conduit, holder, or implantable reservo
ir inserted in body

604/181 ...Means moved by person to inject or remove
fluent material to or from body inserted
conduit, holder,
or reservoir

604/187Injector or aspirator syringe supported
only by person during use (e.g., hand hel
d hypodermic
syringe, douche tube with forced injectio

n, etc.)

604/200Means broken, cut, pierced, or torn to
permit material flow to or from body

604/201Septum pierced by conduit to permit flow

3 604/241 (0 OR, 3 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M BODY FOR THERAPEUTIC PURPOSES (E.G.,
MEDICATING,
IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
from body orifice, or inserted or remo
ved subcutaneously

604/93.01 ..Material introduced or removed through
other than by diffusing through skin

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ir inserted in body conduit, holder, or implantable reservoir

604/181 ...Means moved by person to inject or remove
conduit, holder, fluent material to or from body inserted
or reservoir

604/187Injector or aspirator syringe supported
only by person during use (e.g., hand held hypodermic
syringe, douche tube with forced injection, etc.)

604/240Specific structure of means connecting
body entering conduit to syringe

604/241Conduit holder attached to another
syringe component by thread means

3 604/265 (1 OR, 2 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

M BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,

IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
from body orifice, or inserted or removed

subcutaneously other than by diffusing through skin

604/93.01 ..Material introduced or removed through
conduit, holder, or implantable reservoir

inserted in body

604/264 ...Body inserted tubular conduit structure
(e.g., needles, cannulas, nozzles, trocars

, catheters, etc.)

604/265With body soluble, antibactericidal or
lubricating materials on conduit

3 604/272 (0 OR, 3 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

M BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,

IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
from body orifice, or inserted or removed

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d subcutaneously

604/93.01 other than by diffusing through skin
 ..Material introduced or removed through
 conduit, holder, or implantable reservoir

inserted in body

604/264 ...Body inserted tubular conduit structure
 (e.g., needles, cannulas, nozzles, trocars

, catheters,

etc.)

604/272Body piercing conduit (e.g., needle, etc.)

3 604/414 (0 OR, 3 XR)

Class 604 : SURGERY

604/403 CONTAINER FOR BLOOD OR BODY TREATING MATERIAL,
 OR MEANS USED THEREWITH (E.G., NEEDLE FOR

PIERCING

CONTAINER CLOSURE, ETC.)

604/411 .Having hollow needle or spike for piercing
 container or container closure

604/414 ..Mounted on one container and used to pierce
 another container or closure

3 604/506 (0 OR, 3 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

M BODY FOR THERAPEUTIC PURPOSES (E.G., MED

ICATING,

IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed

subcutaneously

other than by diffusing through skin

604/500 ..Method

604/506 ...Therapeutic material introduced or removed
 through a piercing conduit (e.g., trocar) i

nserted into

body

3 606/44 (2 OR, 1 XR)

Class 606 : SURGERY

606/1 INSTRUMENTS

606/32 .Electrical application

606/41 ..Applicators

606/43 ...Depilation

606/44By needle

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- 2 12/142V (1 OR, 1 XR)
 - Class 012 : BOOT AND SHOE MAKING
 - 12/142R PROCESSES
 - 12/142V .Ventilated
- 2 30/454 (2 OR, 0 XR)
 - Class 030 : CUTLERY
 - 30/451 STATIC PENCIL SHARPENER
 - 30/453 .With debris receiver
 - 30/454 ..Conical or cylindrical work guide
- 2 36/72R (1 OR, 1 XR)
 - Class 036 : BOOTS, SHOES, AND LEGGINGS
 - 36/72R PROTECTORS
- 2 40/311 (0 OR, 2 XR)
 - Class 040 : CARD, PICTURE, OR SIGN EXHIBITING
 - 40/299.01 CHECK, LABEL, OR TAG
 - 40/310 .Bottle-carried indicia
 - 40/311 ..Cap- or cork-attached
- 2 73/23.31 (1 OR, 1 XR)
 - Class 073 : MEASURING AND TESTING
 - 73/23.2 GAS ANALYSIS
 - 73/23.31 .Gas of combustion
- 2 73/31.05 (0 OR, 2 XR)
 - Class 073 : MEASURING AND TESTING
 - 73/23.2 GAS ANALYSIS
 - 73/31.05 .Detector detail
- 2 73/864.16 (1 OR, 1 XR)
 - Class 073 : MEASURING AND TESTING
 - 73/863 SAMPLER, SAMPLE HANDLING, ETC.
 - 73/864 .Capture device
 - 73/864.01 ..Pipette or cannula
 - 73/864.11 ...With suction applying and liquid discharge means
 - 73/864.16Piston and cylinder
- 2 102/307 (2 OR, 0 XR)
 - Class 102 : AMMUNITION AND EXPLOSIVES
 - 102/301 BLASTING
 - 102/305 .Detonation wave modifying
 - 102/306 ..Shaped charge or charge with detonation wave cavity modifier
 - 102/307 ...Linear or curvilinear cavity

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2 102/336 (2 OR, 0 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/335 PYROTECHNICS
 102/336 .Flare

2 102/370 (0 OR, 2 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/367 GAS OR MIST DISPERSING
 102/370 .Cartridge or projectile

2 102/476 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/473 SHELLS
 102/475 .Focused or directed detonation
 102/476 ..Shaped charge

2 128/844 (0 OR, 2 XR)
 Class 128 : SURGERY
 128/842 MALE REPRODUCTORY TRACT SHIELDS OR BIRTH
 CONTROL DEVICES (E.G., PROPHYLACTICS, VAS
 DEFERENS VALVES,
 ETC.)
 128/844 .Condoms

2 128/898 (1 OR, 1 XR)
 Class 128 : SURGERY
 128/897 MISCELLANEOUS
 128/898 .Methods

2 128/912 (0 OR, 2 XR)
 Class 128 : SURGERY
 128/912 CONNECTIONS AND CLOSURES FOR TUBES DELIVERING
 FLUIDS TO OR FROM THE BODY

2 138/96T (1 OR, 1 XR)
 Class 138 : PIPES AND TUBULAR CONDUITS
 138/96R END PROTECTORS
 138/96T .Threaded

2 141/27 (0 OR, 2 XR)
 Class 141 : FLUENT MATERIAL HANDLING, WITH RECEIVER OR
 RECEIVER COACTING MEANS
 141/18 FILLING OR REFILLING OF DISPENSERS
 141/21 .By operation of means causing or controlling
 dispensing
 141/25 ..Expansible chamber of fluid pressure applyin

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or controlling means

141/27 ...Container with follower

2 141/329 (2 OR, 0 XR)
 Class 141 : FLUENT MATERIAL HANDLING, WITH RECEIVER OR
 RECEIVER COACTING MEANS
 141/311R FILLING MEANS WITH RECEIVER OR RECEIVER
 COACTING MEANS
 141/329 .With puncturing connecting means

2 204/428 (1 OR, 1 XR)
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
 204/193 APPARATUS
 204/194 .Electrolytic
 204/400 ..Analysis and testing
 204/421 ...Solid electrolyte
 204/424 Gas sample sensor
 204/427 With gas reference material
 204/428 With protective element

2 206/349 (1 OR, 1 XR)
 Class 206 : SPECIAL RECEPTACLE OR PACKAGE
 206/349 FOR A TOOL (E.G., KNIFE, SHAVER)

2 206/438 (0 OR, 2 XR)
 Class 206 : SPECIAL RECEPTACLE OR PACKAGE
 206/438 FOR BODY TREATMENT ARTICLE OR MATERIAL (I.E.,
 "SURGICAL" OR THERAPEUTIC TYPE)

2 206/807 (0 OR, 2 XR)
 Class 206 : SPECIAL RECEPTACLE OR PACKAGE
 206/807 TAMPER PROOF

2 215/226 (1 OR, 1 XR)
 Class 215 : BOTTLES AND JARS
 215/200 CLOSURES
 215/226 .Substitute closure having means to remove
 original closure

2 215/250 (0 OR, 2 XR)
 Class 215 : BOTTLES AND JARS
 215/200 CLOSURES
 215/250 .Frangible member or portion

2 215/347 (1 OR, 1 XR)
 Class 215 : BOTTLES AND JARS
 215/200 CLOSURES
 215/316 .Cap type

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215/341 ..With identifiable, integral, or separate
gasket, seal, or liner
215/347 ...Distinct layers

2 219/75 (1 OR, 1 XR)
Class 219 : ELECTRIC HEATING
219/50 METAL HEATING (E.G., RESISTANCE HEATING)
219/72 .Nonatmospheric environment at hot spot (e.g.,
resistance weld under oil, vacuum)
219/74 ..Gas supply (e.g., by ingredient of electrode
by external source)
219/75 ...Nonconsumable electrode (e.g., atomic
hydrogen)

2 220/284 (0 OR, 2 XR)
Class 220 : RECEPTACLES
220/200 CLOSURES
220/260 .With closure opening arrangements for means
(e.g., opening devices)
220/284 ..Special tool or tool engaging means

2 222/1 (2 OR, 0 XR)
Class 222 : DISPENSING
222/1 PROCESSES OF DISPENSING

2 222/182 (1 OR, 1 XR)
Class 222 : DISPENSING
222/173 WITH CASING OR SUPPORT
222/182 .Enclosing cover for actuating parts of
discharging means

2 222/501 (1 OR, 1 XR)
Class 222 : DISPENSING
222/501 MOVABLE OUTLET ELEMENT ACTUATOR PROJECTING
THROUGH DISCHARGE GUIDE

2 222/518 (0 OR, 2 XR)
Class 222 : DISPENSING
222/511 WITH RESILIENT BIASING MEANS FOR OUTLET ELEMEN

222/518 .For elements reciprocable axially of discharg
opening

2 244/3.16 (1 OR, 1 XR)
Class 244 : AERONAUTICS

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244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
 244/3.15 .Automatic guidance
 244/3.16 ..Optical (includes infrared)

2 267/140.13 (2 OR, 0 XR)

Class 267 : SPRING DEVICES

267/136 RESILIENT SHOCK OR VIBRATION ABSORBER

267/140.11 .Including energy absorbing means or feature
 (e.g., supplemental vehicle equipment, suc

h as motor mount,

seat, etc., including additional fluid or
 friction energy
 absorber)

267/140.13 ..Axial

2 374/158 (1 OR, 1 XR)

Class 374 : THERMAL MEASURING AND TESTING

374/100 TEMPERATURE MEASUREMENT (E.G., THERMOMETER)

374/158 .With removable cover for sensor (e.g.,
 disposable sheath)

2 401/133 (1 OR, 1 XR)

Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY

401/132 INCLUDING RUPTURABLE MEANS OR SEALED-CARTRIDGE
 RECEIVER

401/133 .Sealed-cartridge receiver with
 flow-establishing means

2 401/134 (0 OR, 2 XR)

Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY

401/132 INCLUDING RUPTURABLE MEANS OR SEALED-CARTRIDGE
 RECEIVER

401/133 .Sealed-cartridge receiver with
 flow-establishing means

401/134 ..By piercing cartridge

2 401/195 (0 OR, 2 XR)

Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY

401/195 COMBINED

2 401/75 (2 OR, 0 XR)

Class 401 : COATING IMPLEMENTS WITH MATERIAL SUPPLY

401/49 SOLID MATERIAL FOR RUBBING CONTACT OR SUPPORT
 THEREFOR

401/55 .Including means to advance material

401/68 ..Screw feed

401/75 ...Including means to positively transmit
 rotation to sliding screw-feed member

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- 2 411/431 (2 OR, 0 XR)
 Class 411 : EXPANDED, THREADED, DRIVEN, HEADED,
 TOOL-DEFORMED, OR LOCKED-THREADED FASTENER
 411/427 INTERNALLY THREADED FASTENER ELEMENT, E.G.,
 NUT, ETC.
 411/429 .Having cap
 411/431 ..Resiliently retained
- 2 425/549 (1 OR, 1 XR)
 Class 425 : PLASTIC ARTICLE OR EARTHENWARE SHAPING OR
 TREATING: APPARATUS
 425/542 FEMALE MOLD AND CHARGER TO SUPPLY FLUENT STOCK
 UNDER PRESSURE THERETO IN FLUID-TIGHT REL
 ATIONSHIP (E.G.,
 INJECTION MOLD, ETC.)
 425/547 .With means to heat or cool
 425/549 ..Including heated or cooled nozzle
- 2 428/416 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/413 .Of epoxy ether
 428/414 ..As intermediate layer
 428/416 ...Next to metal
- 2 428/418 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/413 .Of epoxy ether
 428/418 ..Next to metal
- 2 428/458 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/457 .Of metal
 428/458 ..Next to polyester, polyamide or polyimide
 (e.g., alkyd, glue, or nylon, etc.)
- 2 428/460 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/457 .Of metal
 428/460 ..Next to aldehyde or ketone condensation
 product
- 2 428/463 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

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428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/457 .Of metal
 428/461 ..Next to addition polymer from unsaturated
 monomers
 428/463 ...Ester, halide or nitrile of addition polyme

r

2 428/522 (0 OR, 2 XR)
 Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
 428/500 .Of addition polymer from unsaturated monomers
 428/522 ..Ester, halide or nitrile of addition polymer

2 433/115 (1 OR, 1 XR)
 Class 433 : DENTISTRY
 433/25 APPARATUS
 433/103 .Having motor or means to transmit motion from
 motor to tool (e.g., "engine")
 433/114 ..Hand-held tool or handpiece
 433/115 ...Having seal

2 600/375 (1 OR, 1 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/372 .Structure of body-contacting electrode or
 electrode inserted in body
 600/373 ..Electrode placed in body
 600/374 ...Electrode placed in or on heart
 600/375Anchored

2 600/563 (0 OR, 2 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/562 .Sampling nonliquid body material (e.g., bone,
 muscle tissue, epithelial cells, etc.)
 600/563 ..Irrigation

2 600/570 (1 OR, 1 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/562 .Sampling nonliquid body material (e.g., bone,
 muscle tissue, epithelial cells, etc.)
 600/570 ..Scraping with edged instrument

2 600/571 (2 OR, 0 XR)

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Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/562 .Sampling nonliquid body material (e.g., bone,
 muscle tissue, epithelial cells, etc.)
 600/570 ..Scraping with edged instrument
 600/571 ...Applying suction to sample

2 600/572 (1 OR, 1 XR)

Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/562 .Sampling nonliquid body material (e.g., bone,
 muscle tissue, epithelial cells, etc.)
 600/572 ..Wiping or dabbing

2 600/573 (0 OR, 2 XR)

Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/573 .Liquid collection

2 604/104 (0 OR, 2 XR)

Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M BODY FOR THERAPEUTIC PURPOSES (E.G., MED
 ICATING,

IRRIGATING, ASPIRATING, ETC.)
 604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed

subcutaneously other than by diffusing through skin

604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservoir

inserted in body

604/104 ...Having means expanding body orifice or cana
 (e.g., dilator, retaining means, etc.)

2 604/117 (1 OR, 1 XR)

Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M BODY FOR THERAPEUTIC PURPOSES (E.G., MED
 ICATING,

IRRIGATING, ASPIRATING, ETC.)
 604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed

subcutaneously

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604/93.01 other than by diffusing through skin
 ..Material introduced or removed through
 conduit, holder, or implantable reservoir
 inserted in body

604/117 ...Having structure for controlling depth of
 insertion of body piercer

2 604/136 (1 OR, 1 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed subcutaneously

604/93.01 other than by diffusing through skin
 ..Material introduced or removed through
 conduit, holder, or implantable reservoir inserted in body

604/131 ...Treating material forced into or out of body
 by self-acting fluid pressure, motor-driven, or mechanical
 energy storing means (e.g., pressure infusion or
 aspiration, etc.)

604/134 Material impelled by spring
 604/136 Material conduit forced into body by
 spring

2 604/162 (2 OR, 0 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed subcutaneously

604/93.01 other than by diffusing through skin
 ..Material introduced or removed through
 conduit, holder, or implantable reservoir inserted in body

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604/158 ...Body entering conduit axially movable withi
n
body piercing conduit while former is disp
osed in the body

604/162Having guard on piercing conduit for
protecting body entering conduit

2 604/163 (0 OR, 2 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO
M
BODY FOR THERAPEUTIC PURPOSES (E.G., ME
DICATING,
IRRIGATING, ASPIRATING, ETC.)
604/48 .Treating material introduced into or removed
from body orifice, or inserted or remove
d subcutaneously
other than by diffusing through skin
604/93.01 ..Material introduced or removed through
conduit, holder, or implantable reservoir
inserted in body

604/158 ...Body entering conduit axially movable withi
n
body piercing conduit while former is disp
osed in the body

604/163Having bag or sheath enclosing body
entering conduit

2 604/164.08 (1 OR, 1 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO
M
BODY FOR THERAPEUTIC PURPOSES (E.G., ME
DICATING,
IRRIGATING, ASPIRATING, ETC.)
604/48 .Treating material introduced into or removed
from body orifice, or inserted or remove
d subcutaneously
other than by diffusing through skin
604/93.01 ..Material introduced or removed through
conduit, holder, or implantable reservoir
inserted in body

604/164.01 ...Body piercer, obturator rod, or stylet

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axially movable within body entering conduit while latter

is disposed in body
 604/164.08Having cover or protector for body entering
 conduit

2 604/195 (1 OR, 1 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

BODY FOR THERAPEUTIC PURPOSES (E.G.,
 MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed subcutaneously

other than by diffusing through skin
 604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservoir
 inserted in body

604/181 ...Means moved by person to inject or remove
 fluent material to or from body inserted
 conduit, holder,
 or reservoir

604/187Injector or aspirator syringe supported
 only by person during use (e.g., hand held hypodermic
 syringe, douche tube with forced injection, etc.)

604/192Having cover or protector for body
 entering conduit

604/195Portion of body entering conduit stored
 in material receiving syringe reservoir

2 604/200 (0 OR, 2 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed subcutaneously

other than by diffusing through skin
 604/93.01 ..Material introduced or removed through

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conduit, holder, or implantable reservoir
 inserted in body

604/181 ...Means moved by person to inject or remove
 fluent material to or from body inserted
 conduit, holder,
 or reservoir

604/187Injector or aspirator syringe supported
 only by person during use (e.g., hand held
 hypodermic
 syringe, douche tube with forced injection
 , etc.)

604/200Means broken, cut, pierced, or torn to
 permit material flow to or from body

2 604/243 (1 OR, 1 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M
 BODY FOR THERAPEUTIC PURPOSES (E.G.,
 MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
 from body orifice, or inserted or remo
 ved subcutaneously

604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservo

ir inserted in body

604/181 ...Means moved by person to inject or remove
 fluent material to or from body inserted
 conduit, holder,
 or reservoir

604/187Injector or aspirator syringe supported
 only by person during use (e.g., hand hel
 d hypodermic
 syringe, douche tube with forced injectio

n, etc.)

604/240Specific structure of means connecting
 body entering conduit to syringe

604/243Conduit or holder therefor removably
 attached to another injector component by f

riktion

2 604/264 (0 OR, 2 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

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M
ICATING,
604/48 .Treating material introduced into or removed
subcutaneously
604/93.01 ..Material introduced or removed through
inserted in body conduit, holder, or implantable reservoir
604/264 ...Body inserted tubular conduit structure
catheters, (e.g., needles, cannulas, nozzles, trocars,
etc.)
2 604/275 (0 OR, 2 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO
M
DICATING,
604/48 .Treating material introduced into or removed
d subcutaneously from body orifice, or inserted or remove
604/93.01 ..Material introduced or removed through
inserted in body conduit, holder, or implantable reservoir
604/264 ...Body inserted tubular conduit structure
, catheters, (e.g., needles, cannulas, nozzles, trocars
etc.)
604/275Nozzle insertable into body orifice
2 604/905 (0 OR, 2 XR)
Class 604 : SURGERY
604/905 ASEPTIC CONNECTORS OR COUPLINGS (E.G.,
FRANGIBLE, PIERCABLE, ETC.)
2 606/191 (0 OR, 2 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/191 .Internal pressure applicator (e.g., dilator)

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2 607/127 (1 OR, 1 XR)

Class 607 : SURGERY: LIGHT, THERMAL, AND ELECTRICAL
APPLICATION

607/1 LIGHT, THERMAL, AND ELECTRICAL APPLICATION

607/115 .Electrical energy applicator

607/116 ..Placed in body

607/119 ...Heart

607/122Catheter or endocardial (inside heart) typ

e

607/126With anchor means

607/127Axially-mounted helical type

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 accompanying 1
 according 1
 achieved 2
 acts 1
 adding 1
 adjacent 1
 after 1
 ag 1
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 airfmme 1
 airframe 3
 airfrnme 3
 along 5
 also 1
 altemative 1
 an 15
 and 40
 angle 3
 ansparent 1
 any 1
 ap 1
 apart 4
 apnlication 1
 are 17
 arranged 1
 arrangement 1
 as 8
 at 17
 away 1
 backwards 1
 be 6
 before 2
 being 2
 below 1
 blown 1
 bowl 1
 build 1
 builds 3
 by 17
 can 8
 cap 40
 circumferential 2
 closed 3
 cofmecting 1
 colmecting 1

comprises 1
 comprising 1
 cone 10
 conical 2
 connecied 1
 connected 1
 connecting 6
 considerable 1
 consist 1
 consists 2
 control 1
 copnecting 1
 cormected 2
 cormecting 3
 cormection 1
 cover 8
 covered 3
 covering 1
 ctive 1
 curved 1
 cutwed 1
 dae 1
 damaged 1
 denotes 1
 derived 1
 described 1
 detail 1
 detect 1
 detector 3
 diametrally 1
 die 1
 dif 1
 direction 1
 disclosure 1
 disengage 1
 disengagement 1
 disturbed 1
 divided 7
 dividing 1
 dome 8
 donae 1
 drawings 1
 dudng 1
 during 2
 each 4
 edge 4
 ee 1
 elose 1

embodiment 3
embodiments 1
end 1
ends 1
enstlred 1
ensure 1
ensured 1
ensures 1
erent 1
essential 1
example 3
exposed 1
extending 4
fall 1
falls 2
fbe 1
fhe 3
fhrough 1
fig 15
figs 1
firjt 1
first 3
fitted 2
fitting 5
flight 4
fonn 1
fonning 1
for 6
form 7
formed 2
forming 1
freed 1
from 5
front 5
generating 1
generatrices 2
greater 1
guidance 1
guide 1
guided 5
guiding 1
halves 1
has 1
having 3
hayirm 1
head 10
held 2
here 1

high 1
however 1
if 1
illustrates 1
imaging 2
impairing 1
in 24
inclined 1
infrared 2
interior 1
interlocking 5
interlocks 1
into 4
invention 4
inwardly 2
is 40
it 5
ith 1
its 5
jettison 1
jettisoned 3
jettisoning 2
keeping 1
kept 2
known 1
least 2
ledge 2
length 1
life 1
like 1
limiting 1
ln 1
long 2
longer 2
longitudinally 1
longitudinily 1
material 1
meanj 1
means 13
mechanical 1
missile 16
missiles 2
ne 2
nereby 1
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neyefore 1
nis 1
no 2

non 1
 not 2
 numeral 1
 object 3
 of 61
 off 1
 on 2
 one 2
 only 2
 onto 1
 opening 12
 opposing 1
 optical 1
 or 5
 order 1
 other 2
 outwardly 1
 outwards 1
 over 2
 ovey 1
 page 5
 part 1
 partly 1
 parts 20
 patent 1
 path 1
 perspective 6
 phase 1
 preferably 2
 preferred 1
 pressme 1
 presstlre 2
 pressure 5
 projecting 2
 prot 1
 protective 38
 provide 1
 provided 4
 push 1
 pushed 2
 pushes 1
 pushing 1
 put 1
 pyrotechnical 2
 pyrotechnically 3
 pyrotechnicatly 1
 quickly 1
 radial 1

radiation 3
range 1
rear 1
recess 2
reference 1
relates 1
relea 1
releas 1
releasable 6
releasbd 1
release 5
releaseable 1
released 5
releasing 2
resealable 1
responsive 2
reticle 1
rt 1
safe 1
scene 1
screws 1
section 1
sectional 1
seeker 9
seen 1
segments 3
separated 2
several 1
shape 1
shaped 4
shortly 1
show 1
shown 2
shows 3
side 7
sideways 2
signals 1
similar 2
sirals 1
so 2
space 1
state 1
steker 1
stmctures 1
stnlcttlre 1
stress 1
structlzres 1
structures 2

such 1
support 1
system 1
target 6
that 6
the 159
their 2
them 1
then 1
thennical 1
there 1
thereby 2
therefore 1
these 1
this 5
three 1
through 1
tie 1
time 1
tip 17
to 29
together 4
towards 1
tracked 1
transparent 1
tructtlres 1
truncated 1
trying 1
two 17
up 5
usually 1
velocities 1
very 1
view 6
visible 1
way 1
when 2
wherein 1
which 6
while 1
window 2
with 7
within 3
without 2
wllich 1